

BUREAU-LEVEL QUESTIONS: IT ARCHITECTURE

Architecture Questions and DO Response:

I. Does the bureau have an information systems Architecture Development Process in place?

Response: Yes, the Departmental Offices Architecture Working Group (DOAWG) was chartered in July 1997. The charter defines the following six steps for the DO Architecture Development Process:

- o Initiate Architecture Development. To initiate the architecture process and establish an enterprise wide architecture development plan.
- o Characterize Baseline Architecture. To determine where an organization is currently situated architecturally and to identify issues and constraints of the organization.
- o Develop Target Architecture. To develop the target EISA that meets the business needs by analysis and modeling of various views of the architecture.
- o Plan Architecture Transition. To identify, develop and prioritize a set of projects which, when completed, will move the enterprise from the current state to the target state.
- o Plan Architecture Implementation. To establish the groundwork to guide individual project development initiatives within the overall transition plan.
- o Administer and Manage Architecture. To keep the architecture alive and well by continuously improving it.

The DOAWG consists of two representatives from each of the five branches of the Automated Systems Division (ASD). Additional members may be assigned on an as needed basis. Due to their unique technical and functional skills, one of a branch's two representatives can be a contractor. Architecture Team decisions are made by consensus. Branch representatives are required to obtain feedback from their branch on Architecture Team proposals.

Meetings are being held on a weekly basis until the EISA has been developed. Once the EISA has been completed, the Architecture Team will meet on an as needed basis as directed by the Director, ASD.

I-A. What organization or person(s) is responsible for the process?

Response: The Director, Automated Systems Division is responsible for the architecture process.

I-B. Has the bureau identified the primary stakeholders for the Architecture Development Process?

Response: Stakeholders for the DO architecture effort are the Automated Systems Division for the information technology part of the effort and the following DO core business areas:

- o Executive Direction
- o Fiscal and Financial Services policies and Programs
- o Tax and Economic Policies and Programs
- o Enforcement Policies and Programs
- o International Affairs Policies and Programs
- o Treasury-wide Management Policies and Programs

II. Has a set of architecture principles that guides the development of Enterprise Level Architecture been adopted for your bureau?

Response: DO has adopted the architectural principles defined in Chapter three of the Treasury Information Systems Architecture Framework (TISAF).

II-A. Has the bureau developed an Enterprise Level Architecture?

Response: The DO Enterprise Level Architecture is in the development process.

II-B. Does the Enterprise Level Architecture provide an identifiable link to the bureau's GPRA strategic plans?

Response: While the DO Enterprise Level Architecture is in the developmental process, it is directly linked to the "Departmental Offices Strategic Business Plan".

II-C. Does the bureau's Investment Review Board use Enterprise Level Architecture to make strategic business decisions?

Response: When completed, the DO Enterprise Level Architecture will be an essential resource for the DO Investment Review Board (DOIRB). The DOIRB will be briefed on the architecture during the development process.

II-D. Has the bureau implemented any formal review process so that the architecture for specific systems comply with the Enterprise Architecture?

Response: The DO Investment Review Board utilizes DO architectural information as part of its formal review process.

II-E. Has the bureau adopted architecture assessment criteria?

Response: DO architecture assessment criteria will be developed as part of the Enterprise Architecture effort.

III. The following table lists the progress of the DO Enterprise Architecture Effort as of May 1998.

Architectural Hierarchy	Work Architecture	Functional Architecture	Information Architecture	Infrastructure Architecture
Enterprise Level Architecture	35% Complete	35% Complete	35% Complete	35% Complete
Business Operation Level Architecture	25% Complete	25% Complete	25% Complete	25% Complete
Functional Area Level Architecture	35% Complete	35% Complete	35% Complete	35% Complete
Component Level Architecture				